



MEDTRONIC, INC.  
TITLE: METHOD AND APPARATUS FOR DETECTION AND  
TREATMENT OF TACHYCARDIA AND FIBRILLATION  
APPLICANT: Robert W. Stadler et al. SERIAL NO: 09/814/251  
DOCKET NO: P-8777.00 SHEET 1 of 10

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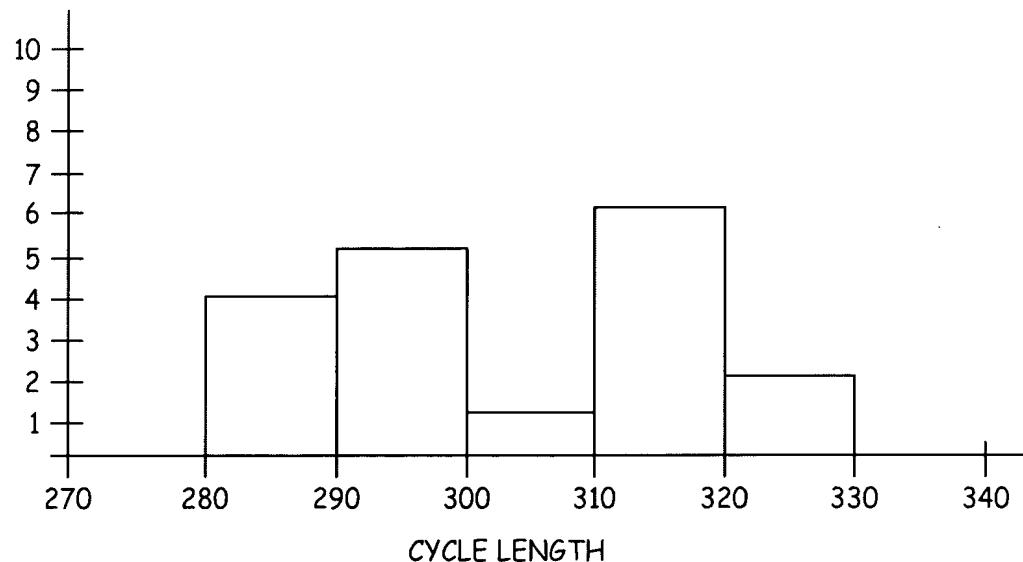


FIG. 1

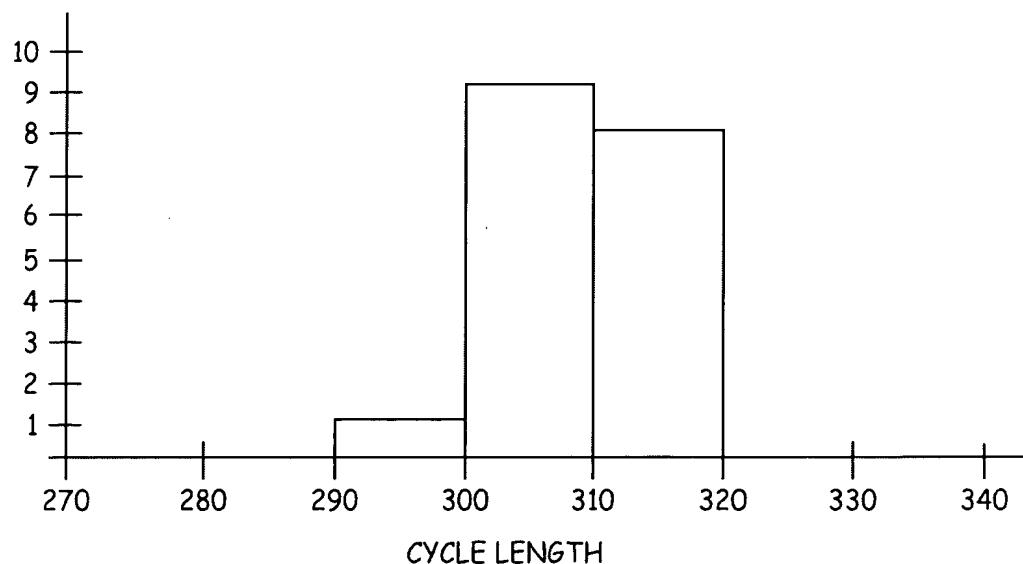


FIG. 2

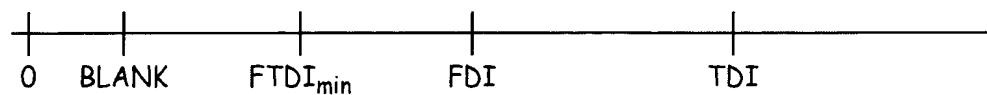
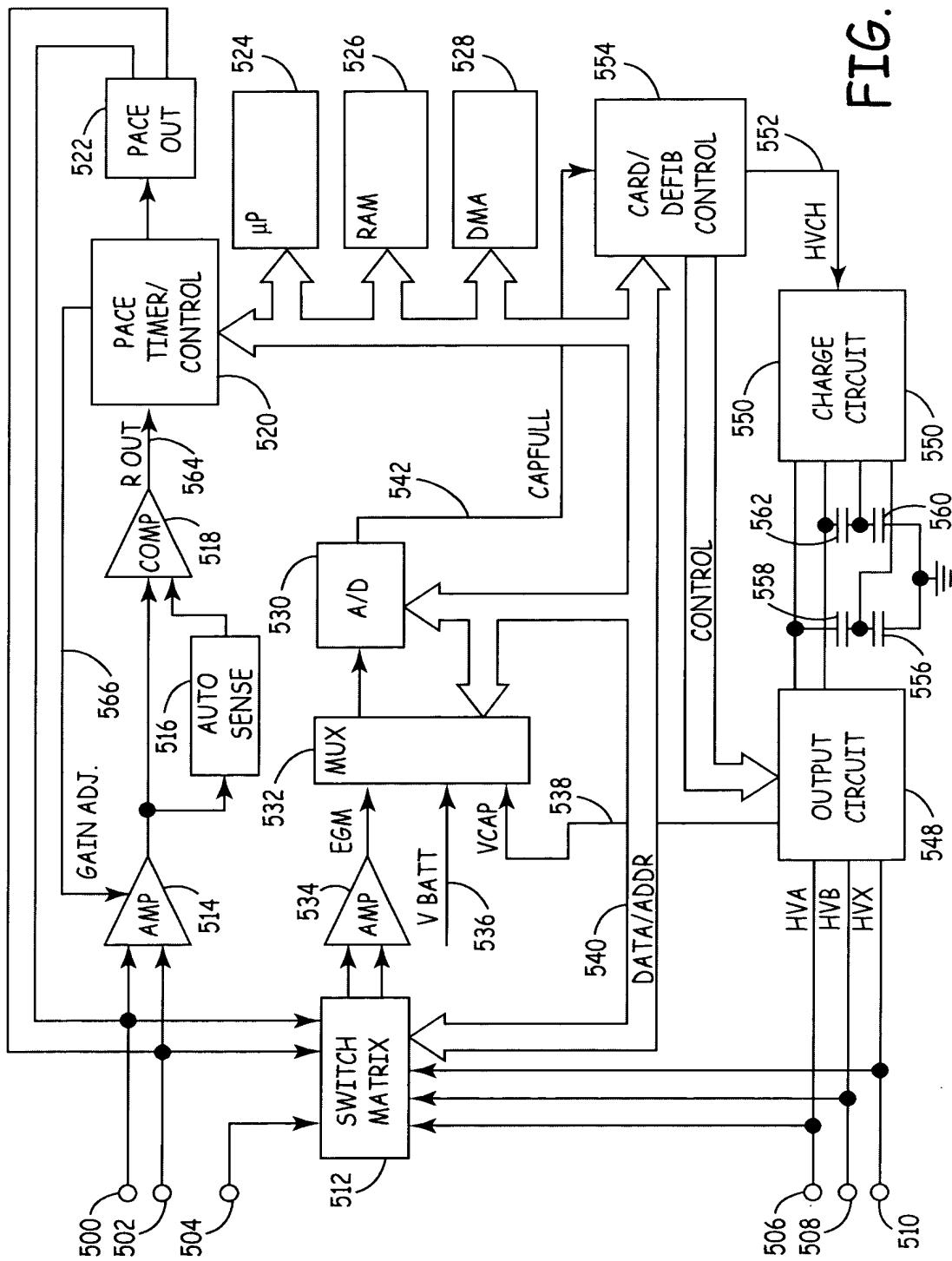


FIG. 3

FIG. 4



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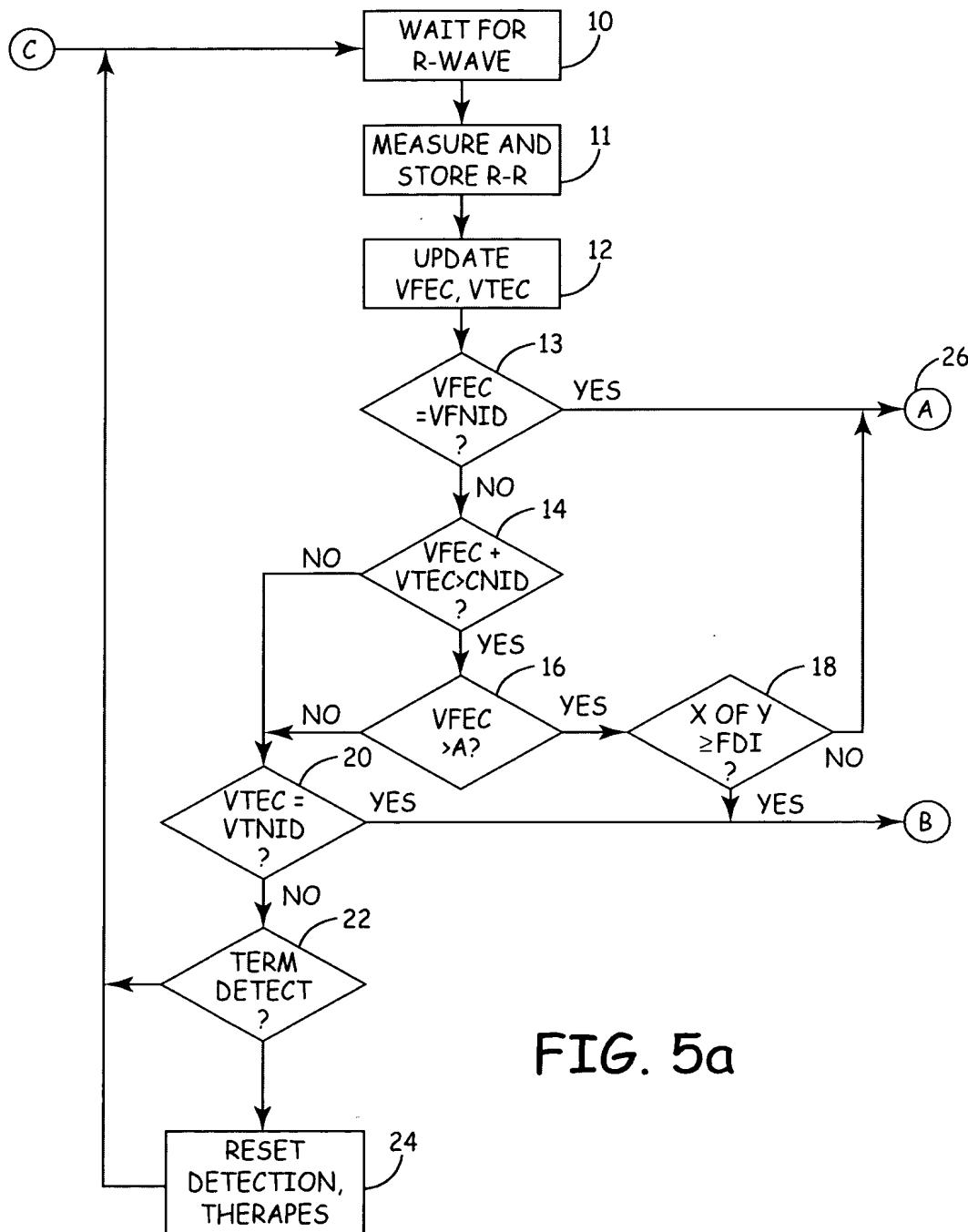


FIG. 5a

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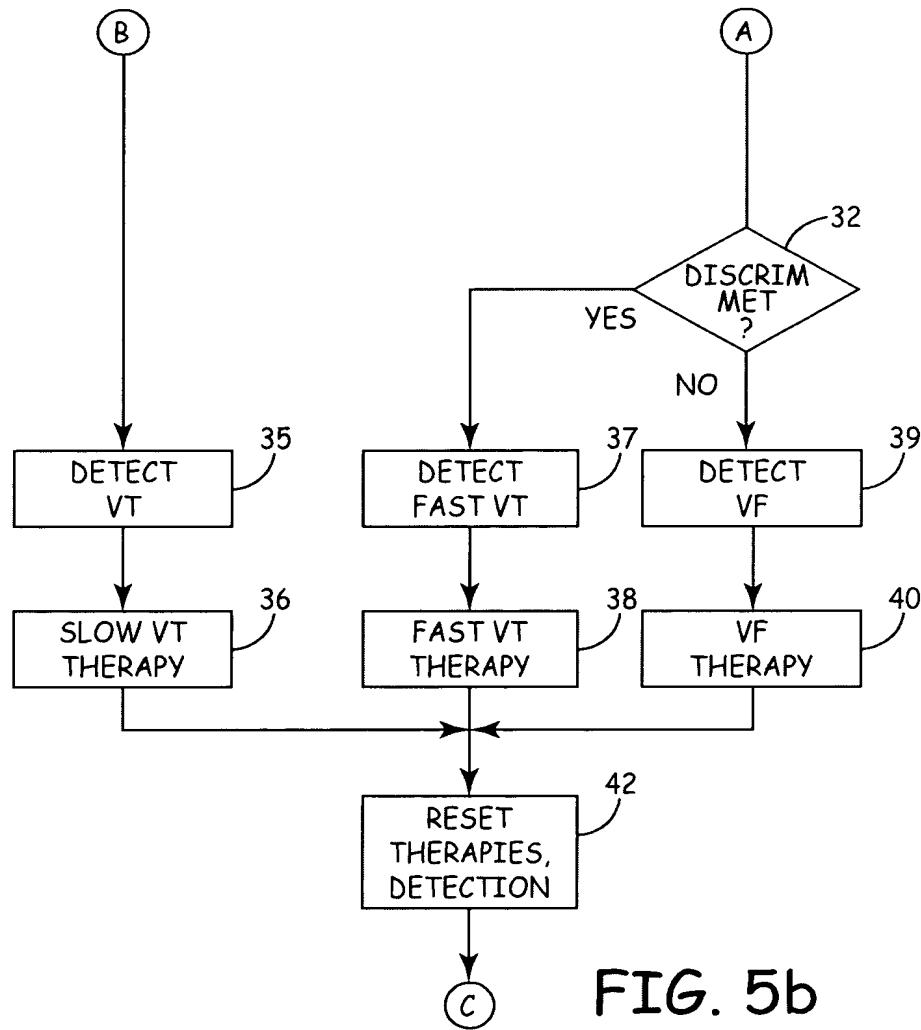


FIG. 5b

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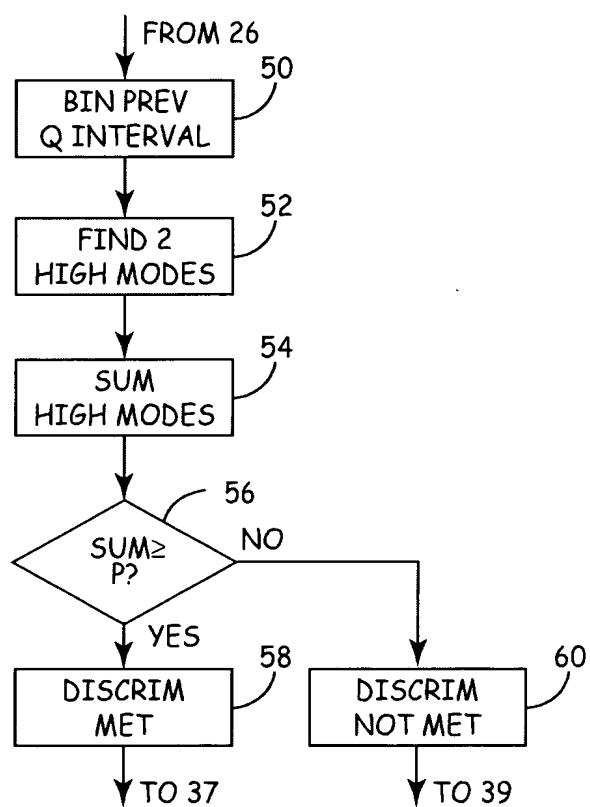


FIG. 5c

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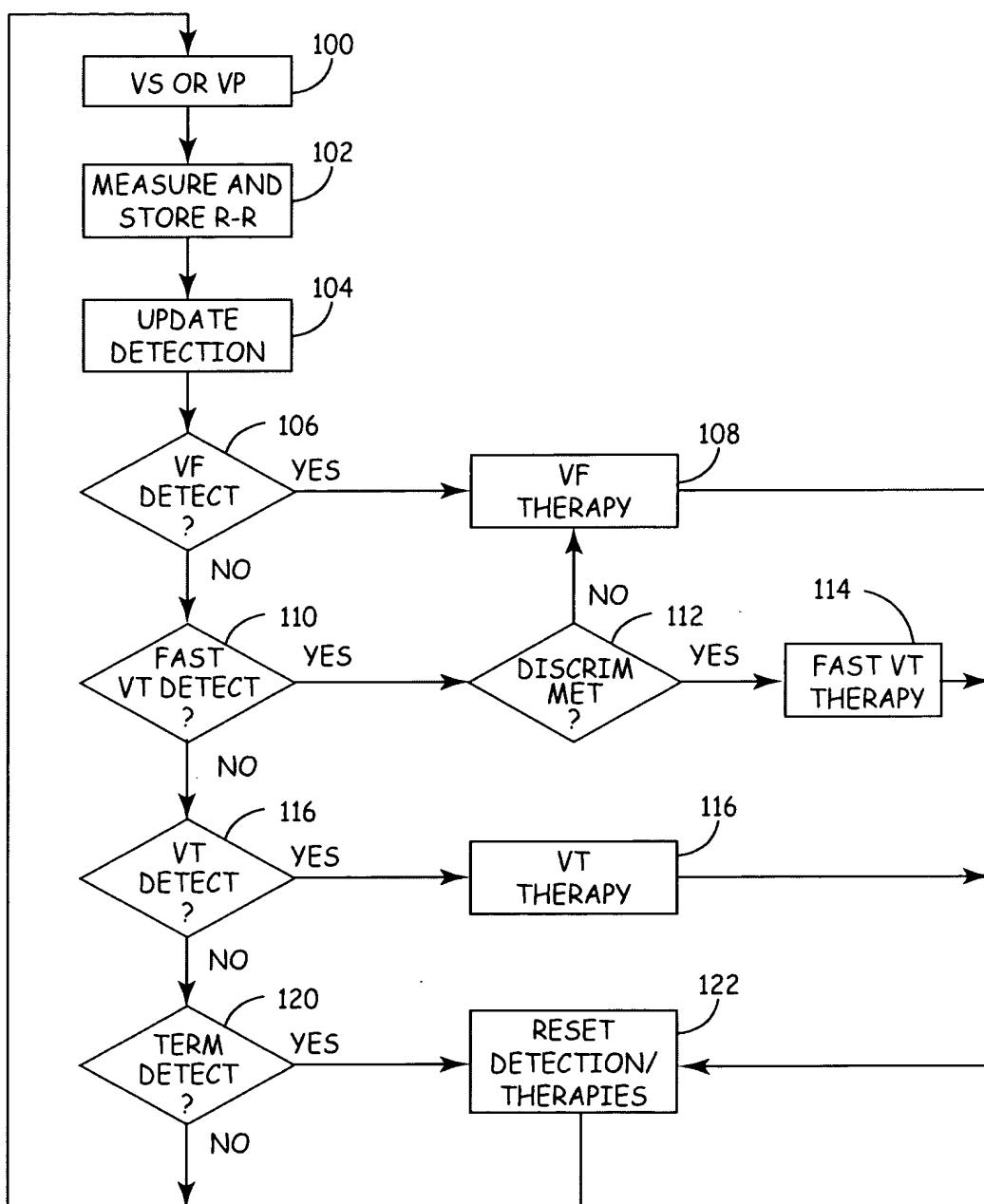


FIG. 6

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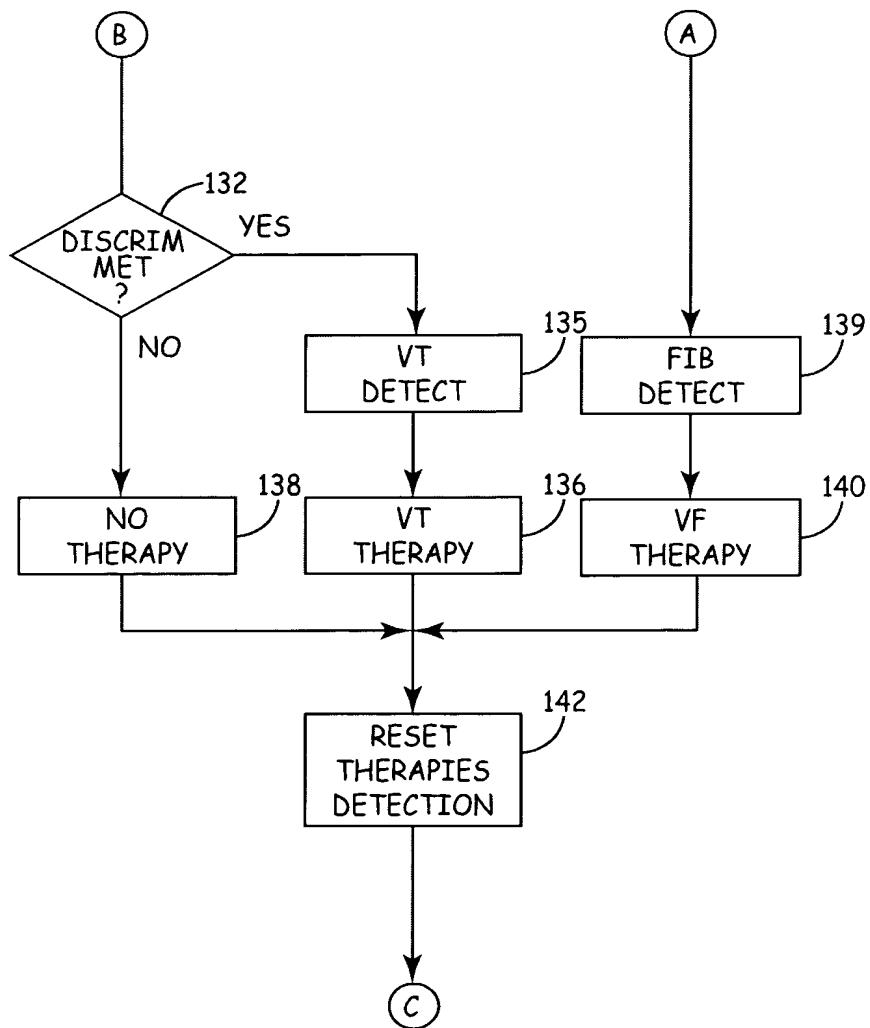


FIG. 7

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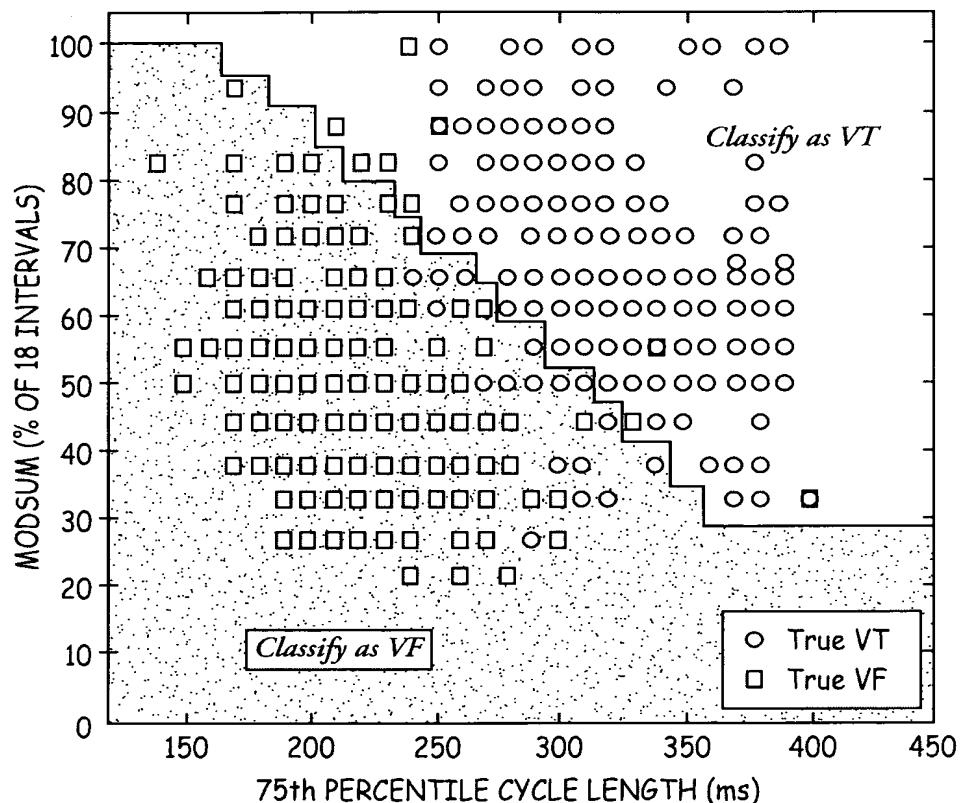


Figure 8a: A scatterplot of arrhythmias from the Performance Evaluation Database and the performance of the New Discrimination for the case with the minimum short interval threshold (120 ms).

FIG. 8a

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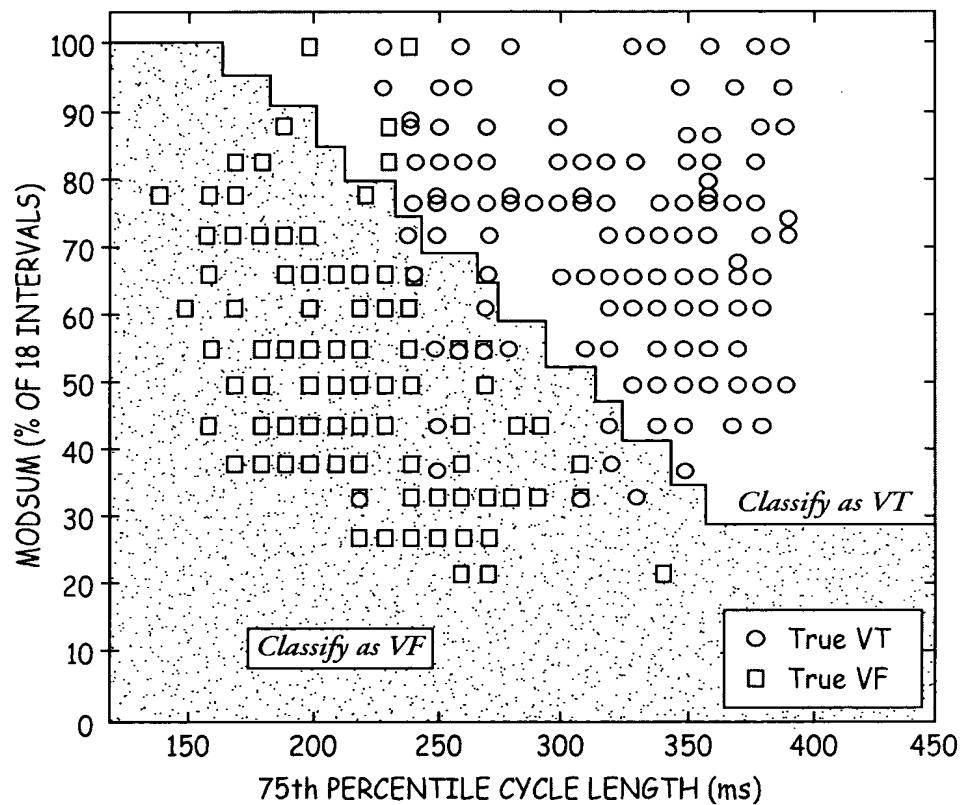


Figure 8b: A scatterplot of arrhythmias from Algorithm Development Database and the design of the New Discriminator for the case with the minimum short interval threshold (120 ms).

FIG. 8b

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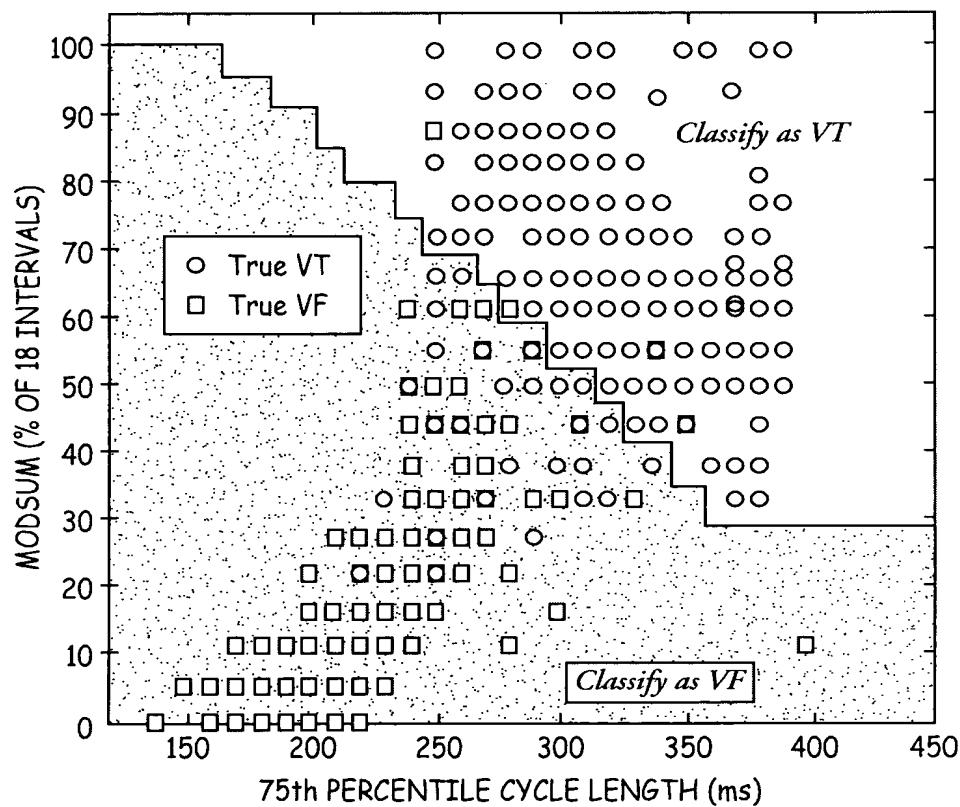


Figure 8c: Performance of New Discriminator on the Performance Evaluation Database when the short interval threshold was 240 ms.

FIG. 8c